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				U.S. PATENT DOCL	IMENTS	
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11/1		6,274,9	27	Glenn	08-14-2001	
M		6,266,1	97	Glenn, et al.	07-24-2001	
MA	•	5,867,3	68	-Glenn	02-02-1999	
The						
Meh	,	3,838,9	84	Crane et al.	10-01-1974	Ti Ti
AHI		4,691,2	25	Murakami et al.	09-01-1987	CF
My		4,801,9	98	Okuaki	01-31-1989	7
MU		5,057,90	05	Matsumoto et al.	10-15-1991	5 3
200		5,070.04	41	Katayama et al	12-03-1991	5 2 T
TAD		5,117,27	79	Karpman	05-26-1992	ဥ ယ 📜
DAID		5,122,86	52	Kajihara et al.	06-16-1992	E 2
ann		5,159,43	32	Ohkubo et al.	10-27-1992	2003 71E
M		5,230,75	59	Hiraiwa	07-27-1993	
Mo		5,256,90	)1	Oháhi et al.	10-26-1993	Ö
My		5,258,09	94	Furui et al.	11-02-1993	8
my		5,336,93	31	Juskey et al.	08-09-1994	
mo		5,435,05	57	Bindra et al.	07-25-1995	
2/15		5,436,20	3	Lin	06-25-1995	
mb		5,497,03	2	Tsuji eteal.	03-05-1996	
The	T	5,529,95	9	Yamanaka	06-25-1996	

		:		FOR	EIGN PATENT DOCUMENT	rs		
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Foreign Patent Docum	ent Kind Code <sup>s</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To
MOD			59-167037(A)		Tanaka	09-20-1994	JAP	
11100		Ŀ	951086204642	, .	Ganesan	06.06.95	Eur	
1110			53-127101		Aoki	16.10.1978	Tanan	] -
01/1/2		<u> </u>	54-095006		Hikóshicet al	27.07/1979	Japan	
Omb			56-209264		Hajimė et al.	25.12.1981	Japan	
Ohlo			58-040579		Seietsu	14.03.1983	1.1	
(THI			60-160257		Hidekazu	22.07.1985	ří.	
Mb			60-288127		Sadamu	19.12.1985	rt.	
11/2			61-273445		Hisahi	17.11.1986	rt.	
Ship			62-185911		Kenji	24.07/1987	t1	

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	•	*	• •	U.S. PATENT DOCU	MENTS		
Examiner Initials	Cite No.1	U.S. Patent Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Line Where Relevant Passages or Relevan Figures Appear	
MIL		5,644,	169	Chun	07-01-1997		
mes		5,656,	857	Kishita	08-12-1997	·	
Mil		5,776,	798	Quan etaal.	07-07-1998		
Amb		5,859,	471	Kuraishi et al.	01-12-1999		
Mis		5,861,	680	Yamanaka	01-19-1999	:	
mil		5,866.	953	Akram et al.	02-02-1999		
MI	• ]	5,867,	368	Glenn	02-02-1999		
mb		5.877	043	Alcoe et al.	03-02-1999		
MA		5,877,	546	You	03-02-1999		· · · · · · · · · · · · · · · · · · ·
ann		5,893,	723	Yamanaka	04-13-1999	T m	٠.
my		5.895	222	Modeneet al.	04-20-1999	<u> </u>	
7146		5,905,	301	Ichikawa et al.	05-18-1999	<u></u>	-
THY		5,949,	655	Glenn	09-07-1999		<b>X</b>
1111		5,950,		Glenn et al.	09-07-1999	5	~_
nny !		5,962,	810	Glenn	10-05-1999		ယ
Thh		5,972,	738	Vongfuangfoo et al.	10-26-1999		2
TAB		5,981,	314	Glenn et al.	11-09-1999		(22)
Mis		5,989,	941	Wensel	11-23-1999	<b>7</b>	,
7116		5,998	862	Yamanaka	12-07-1999	- 0	2

			Foreign Patent Docum	nent	N	Date of Publication of	. Pages, Columns, Lines,	T
Examiner Initials*	Cite No. <sup>1</sup>	Office		Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Te
IM			62-211993		Isamu et al.	26.08.1987	japan	T
OM			06-102369		Koichieet.al.	17.05.1994		T
and			08-124888		Shigeharu et al.	20/05.1996		1
Sias			07~110380		Katsuhiro et al.	09.05.1995	Japan	7
0/1/1/2			DE 43 19 786	A1	Hur, Ki Rok	15.06.1993		1
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Mila		6,034,429	•	Glenn et al.	03-07-2000	
anh		6,092,281		Glenn	07-25-2000	
111/2		6,117,705		Glenn et al.	09-12-2000	
m4		3,018,689		Saxe	01-30-1962	
MA		4.293.190		Cdover	10-06-1981	
amy		5,579,164		Chapnik	11-26-1996	
my	•	5,821,532		Beaman et al.	10-13-1998	
ms		5 867 368		Glenn	02-02-1999	<u> </u>
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U.S. PATENT DOCUMENTS										
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Mis		6,117,19	3	Glenn	09-12-2000		1 .			
ML		5,867,36	8	Glenn	02-02-1999		1 .			
1419		6,266,19	7	Glenn et al.	07-24-2001					
199		4,594,61	3	Shinbori et al.	06-10-1986					
1111		4,591,90	1	Andrevski	05-27-1986					
mes		4,457,01	7	Onogi et al.	06-26-1984					
7/16	· .	4,318,13		Allis et al.	03-02-1982					
Mb		5,828,40	9	North et al.	10-27-1998		٠.			
ms		<u>5,559,55</u>		Kagebeck	09-24-1996					
My		5,267,04	3	Rottner et al.	11-30-1993					
11/2		<u>4,803,55</u>	7	Bridges	02-07-1989	EC				
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